| Search Notes |  |  |  |
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| Application No.    | Applicant(s) |
|--------------------|--------------|
| 10/044,686         | SAKAI ET AL. |
| Examiner           | Art Unit     |
| Felisa C. Hiteshew | 1765         |

| SEARCHED |          |                |          |  |
|----------|----------|----------------|----------|--|
| Class    | Subclass | Date           | Examiner |  |
| 117      | 84       | 10/9/2003      | F.H.     |  |
| 117      | 104      | 10/9/2003      | F.H.     |  |
| 117      | 937      | 10/9/2003      | F.H.     |  |
| u        | potated  | Search # 13/04 | FiH.     |  |
|          |          | 3/13/04        |          |  |
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| INTERFERENCE SEARCHED |          |         |          |  |
|-----------------------|----------|---------|----------|--|
| Class                 | Subclass | Date    | Examiner |  |
| 117                   | 84       | 7/13/04 | Fitte    |  |
| 117                   | 104      | 7/13/04 | Fille    |  |
| 117                   | 937      | 7/13/04 | EH.      |  |
|                       |          |         |          |  |
|                       |          |         |          |  |

| SEARCH NOT<br>(INCLUDING SEARCH  |           | )    |
|--|-----------|------|
|  | DATE      | EXMR |
| STN (hcaplus, inspec, japio, uspatali)<br>s (GaN or gallium(w)nitride)<br>s (nitride)(8a)(crystal#)<br>s(cut?(8a)substrate#) | 10/9/2003 | F.H. |
| s (front)(8a)(surface#) s (back?)(8a)(surface#) s (cut? or grind?)(8a)(substrate#) s (sapphire) s (electrode#)               |           |      |
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